

- Setting DIP SWITCH NO.1 & NO.10 in "ON", the TRI 160 LASER can be control by DMX controller.
- When using a DMX controller, the mini-controller function is no available. When using the mini-controller, the DMX function is not available.
- Linkable laser to master & slave by DMX control, Master & slave DIP SWITCH setting to No.1 & NO.10 in "ON", then all lasers will show same patterns work together in sync.
- Linkable laser to master & slave by DMX control, Master laser DIP SWITCH setting to No.1 & NO.10 in "ON", slave lasers DIP SWITCH setting will follow laser function DMX channels binary number to setting in different switch number in each unit. Then all lasers will show different patterns by DMX controller setting program to work.
- When not using DMX controller to control laser light, the DIP SWITCH No.10 in "ON", then the laser light will be in sound activated mode
When not using a DMX controller to control laser light, the DIP SWITCH No.1 in "ON", then the laser light will be in automatic mode
- When not using a DMX controller to control laser light, for linking , the Master DIP SWITCH No.1 in "ON", Slave No.2 in "ON", the laser will be is automatic mode.
- When not using a controller to control laser light, the laser light will be in automatic and sound active mode. The laser light can be linked in master and slave mode . set DIP SWITCH as follows:
Master DIP SWITCH address: From NO.1 to NO.10 in "OFF".
All slave DIP SWITCH address: NO.2 in "ON".
- The Tri 160 laser is designed with a black out function.
When there is no sound to active The Tri 160 laser the laser will go into black out mode. And when sensitivity is set to low the laser will go into black out mode.

Technical Specification

Operation Voltage: AC 220V~240V/50Hz

Working power: 15W

Laser Wavelength: 532nm, 650nm

Laser power: 532nm/30mW +650nm/100mW

Laser class: Class IIIb

Fuse: 3A F

Channels: 10 channels

Control signal: DMX512 signal

Control mode: DMX/Sound active/Automatic

Net weight: 5.00Kg

Light body Dimensions: 400x230x120mm

Attention: The laser light is designed only for use indoors
Operating temperature is 10°~ 60°C.

Due to continuous product development, specifications and appearance are subject to change. E&O E.

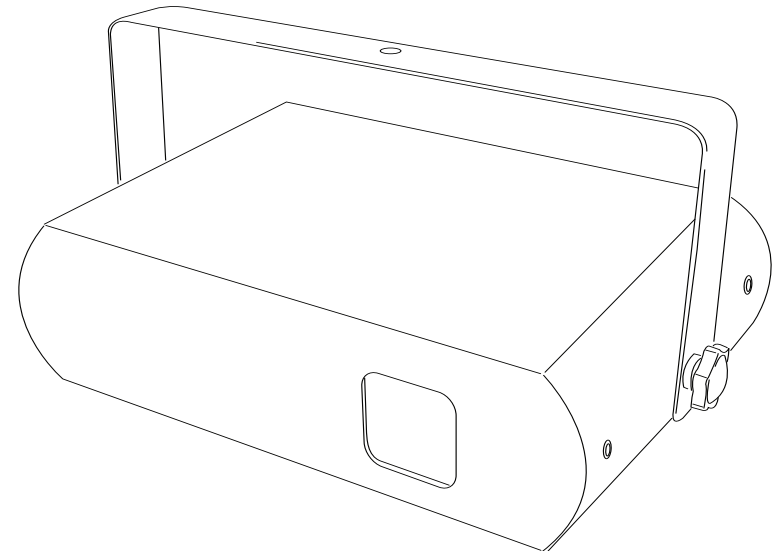
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LIGHTING

KAM TRI 160 LASER

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instruction manual



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INTRODUCTION

Thank you for purchasing the KAM TRI 160 LASER". To optimize the performance of this product, prior to use, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. The TRI 160 LASER has the KAM funky design and is an amazing Laser effect. Please keep these user instructions in safe place for future reference. This unit has been Tested at the factory before being shipped to you. There is no Assembly required.

Warning!

To prevent or reduce the risk of electrical shock or fire, do not expose this unit to high Temperature / rain or moisture.

Laser Class 3B product. National Regulations must be adhered to at all steps of installation.

(In Germany apply DIN 56912 and BGVR LASER note: additional Regulations may apply).

Unintended reflections of the laser beam from reflective or metallic surfaces can be dangerous.

This appliance is to be used by Qualified personnel only.

Laser Radiation Warning

This unit uses diode lasers in green and red. This is CLASS 3B laser product.

Avoid exposure to eyes. Never open the laser diode box, please refer unit to a qualified engineer for servicing or repairs

OVERVIEW

DMX LASER TRI 160
Green: 532nm 30mW/ Red:650nm 100mW/
Yellow:130mW
Red and green and yellow laser
DMX 512 10 channel
40 pre programmed moving patterns
Sound activated, auto and DMX modes
Static, flat beam and pulse gobo effects
Linkable Master/Slave in sound active,
automatic, DMX

Trigger mode, built in black out with in no sound
Micro step scanning motor
Stand alone mode or DMX 512
Key switch
Endless show creation possibilities
Easy-Mini controller
XLR DMX in and out

DMX connection

DMX INPUT: DMX signal input -
Male XLR

DMX OUTPUT: DMX signal output -
Female XLR

MIC: Sound active
Min-Max: Adjust the sensitivity knob for sound
active
POWER SWITCH: ON/OFF power
FUSE: 3A Fuse

DMX channels functions and options
When using a DMX controller, DIP SWITCH 1~10
setting as follows: NO.1 & NO.10 in
"ON" for control via DMX.

PANEL

- (A) DMX INPUT: DMX signal input---Male XLR
(B) DMX OUTPUT: DMX signal output---
Female XLR
(C) MINI CONTROLLER: Use 5-XLR Male
(D) DIP SWITCH: DMX address
(E) MIC: Sound active
(F) MIN-MAX: Adjust the sensitivity knob for
sound active
(G) POWER SWITCH: ON/OFF power
(H) KEY: LOCK laser
(I) MAINS INLET WITH FUSE: 3A F

| CHANNEL | DMX512 OPTIONS | FUNCTION |
|---------|--|---|
| 1 | 0~63 64~127 128~191 192~255 | Sound active programs Automation program (3ch-10ch not available) Manual and with sound activation Automation and automatic activation |
| 2 | 0~63 64~127 128~191 192~255 | Blackout On blanking off Pulse Off blanking on |
| 3 | 0~255 | Select patterns |
| 4 | 0~255 | gobo moving speed |
| 5 | 0~63 64~255 | Keep gobo to static Gobo change to flat effect |
| 6 | 0~63 64~127 128~191 192~255 | Keep gobo to static Follow the gobo form pulse to fast speed dotting effect Follow the gobo form pulse to middle speed dotting effect Follow the gobo form pulse to slow speed dotting effect |
| 7 | 0~63 64~255 | Keep gobo to static Gobo to up and down |
| 8 | 0~255 | Laser effect projection speed. |
| 9 | 0~255 | Control the gobo to zoom |
| 10 | 0~255 | Slow-draw speed, There are 12 mode speeds to control gobo to slow-draw. From slowly and fast. |

- When using a DMX controller with the laser select No.1ch to Manual mode or Automation mode, and select No.2ch to line.
- When using a DMX controller with the laser, please note No.4ch to 0, speed function doesn't work. Select No.4ch speed mode function to begin working from small to large. images

